

0005-000149.246299

04-09-04

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of:)
)
Pak C. Wong et al.) Before the Examiner
)
Application No.: 10/688,063) Group Art Unit
) 2621
Filed: October 17, 2003)
)
DYNAMIC VISUALIZATION OF)
DATA STREAMS)

INFORMATION DISCLOSURE STATEMENT

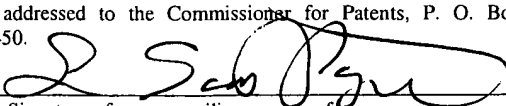
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Sir:

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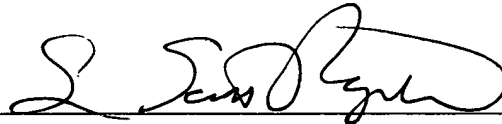
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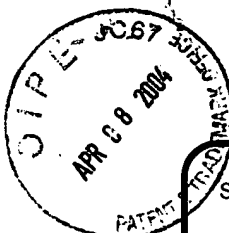
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This Statement is being submitted under 37 CFR 1.97(b) before the occurrence of one or more of the following: (a) receipt of a First Office Action on the merits, (b) passage of three (3) months from the application filing date, or passage of three (3) months from the date of entry of the national stage. Accordingly, it is believed that no fee is due. However, should any fee be required, please charge such fee to Deposit Account No. 23-3030, but not to include any payment of issue fees.

Respectfully submitted:

A handwritten signature in black ink, appearing to read "L. Scott Paynter", is written over a horizontal line.

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if Known

Application Number	10/688,063
Filing Date	October 17, 2003
First Named Inventor	Pak C. Wong
Group Art Unit	2621
Examiner Name	
Attorney Docket Number	50005-149

Sheet 1 of 3

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US-4,839,853	6/13/1989	Deerwester et al.	
		US-5,175,710	12/29/1992	Hutson	
		US-5,761,685	6/2/1998	Huston	
		US-6,021,215	2/1/2000	Kornblit et al.	
		US-6,070,133	5/30/2000	Brewster et al.	
		US-6,097,399	8/1/2000	Bhatt et al.	
		US-6,134,555	10/17/2000	Chadha et al.	
		US-6,301,579	10/9/2001	Becker	
		US-6,539,126	3/25/2003	Socolinsky et al.	
		US-6,571,227	5/27/2003	Agrafiotis et al.	
		US-6,615,211	9/2/2003	Beygelzimer et al.	
		US-2001/0049678	12/6/2001	Yaginuma	

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		PCT - WO 99/34316	July 8, 1999	Glickman et al.		
		PCT - WO 00/39705	July 6, 2000	Glickman et al.		

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		<i>Complete if Known</i>			
		Application Number	10/688,063		
		Filing Date	October 17, 2003		
		First Named Inventor	Pak C. Wong		
		Group Art Unit	2621		
Examiner Name					
Sheet	2	of	3	Attorney Docket Number	50005-149

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s) publisher city and/or country where published	T ²
		<u>Research Report: Visualizing Decision Table Classifiers</u> ; Becker (date unknown)	
		<u>MineSet</u> ; Website, Silicon Graphics, Inc. (1993-2000)	
		<u>Data Mining</u> ; IBM Website (date unknown)	
		<u>Visual Data Mining</u> ; Pak Chung Wong, IEEE Computer Graphics and Applications, September/October (1999)	
		<u>MineSet Business Solutions Using Data Mining and Visualization</u> ; www.sgi.com/go/mineset/ (1998)	
		<u>MineSet 2.6</u> ; www.sgi.com/go/mineset/ (1998)	
		<u>Clumping Properties of Content-Bearing Words</u> , Bookstein, Klein, Raita, 1998	
		<u>Unsupervised Learning from Dyadic Data</u> ; Hofmann and Puzicha, International Computer Science Institute, December 1998	
		<u>SPIRE-Spatial Paradigm for Information Retrieval and Exploration</u> , Spire website, 1999	
		Website Publication, SPIRE, at URL www.pnl.gov/infviz/spire, dated at least as early as March 11, 2001.	
		<u>Evaluating Similarity-Based Visualisations as Interfaces for Image Browsing</u> ; Kerry Rodden, Technical Report Number 543, September 2002	
		Eser Kandogan, " <u>Star Coordinates: A Multi-dimensional Visualization Technique with Uniform Treatment of Dimensions</u> ", IBM Almaden Research Center, California (Date Unknown).	
		<u>Xqvis: Interactive Data Visualization with Multidimensional Scaling</u> ; Buja, Swayne, Littman, Dean and Hoffman, November 29, 2001	
		<u>Animating Multidimensional Scaling to Visualize N-Dimensional Data Sets</u> ; Bentley and Ward, IEEE, (1996)	
		<u>30 Years of Multidimensional Multivariate Visualization</u> ; Wong and Bergeron (date unknown)	
		<u>Topic Islands - A Wavelet-Based Text Visualization System</u> ; Miller, Wong, Brewster, Foote, Pacific Northwest National Laboratory (date unknown)	

Examiner Signature		Date Considered	
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